

FIG. 1

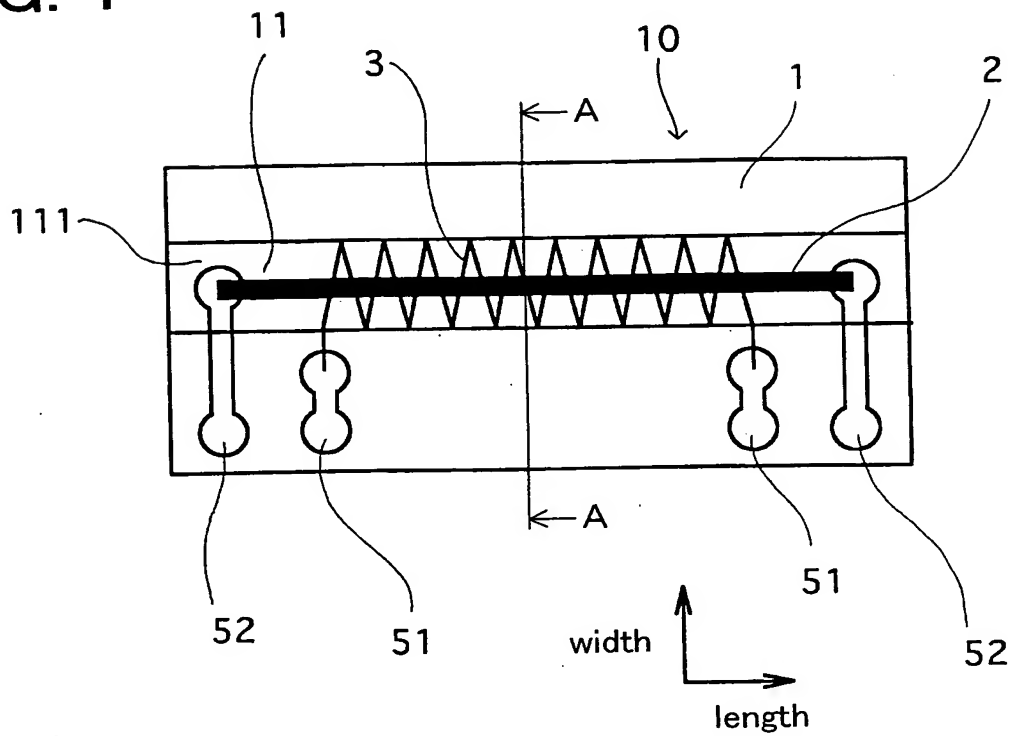


FIG. 2

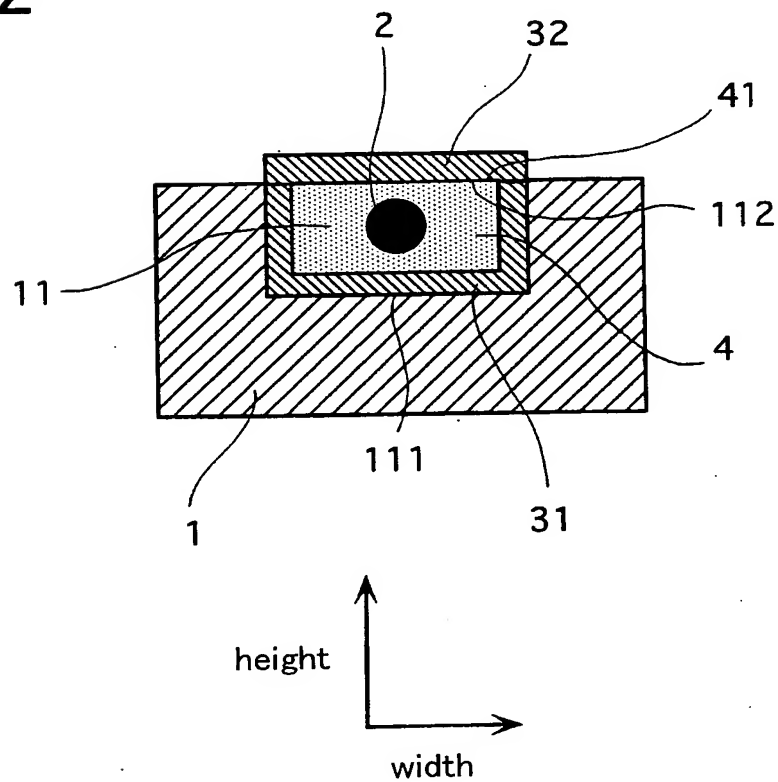


FIG. 3

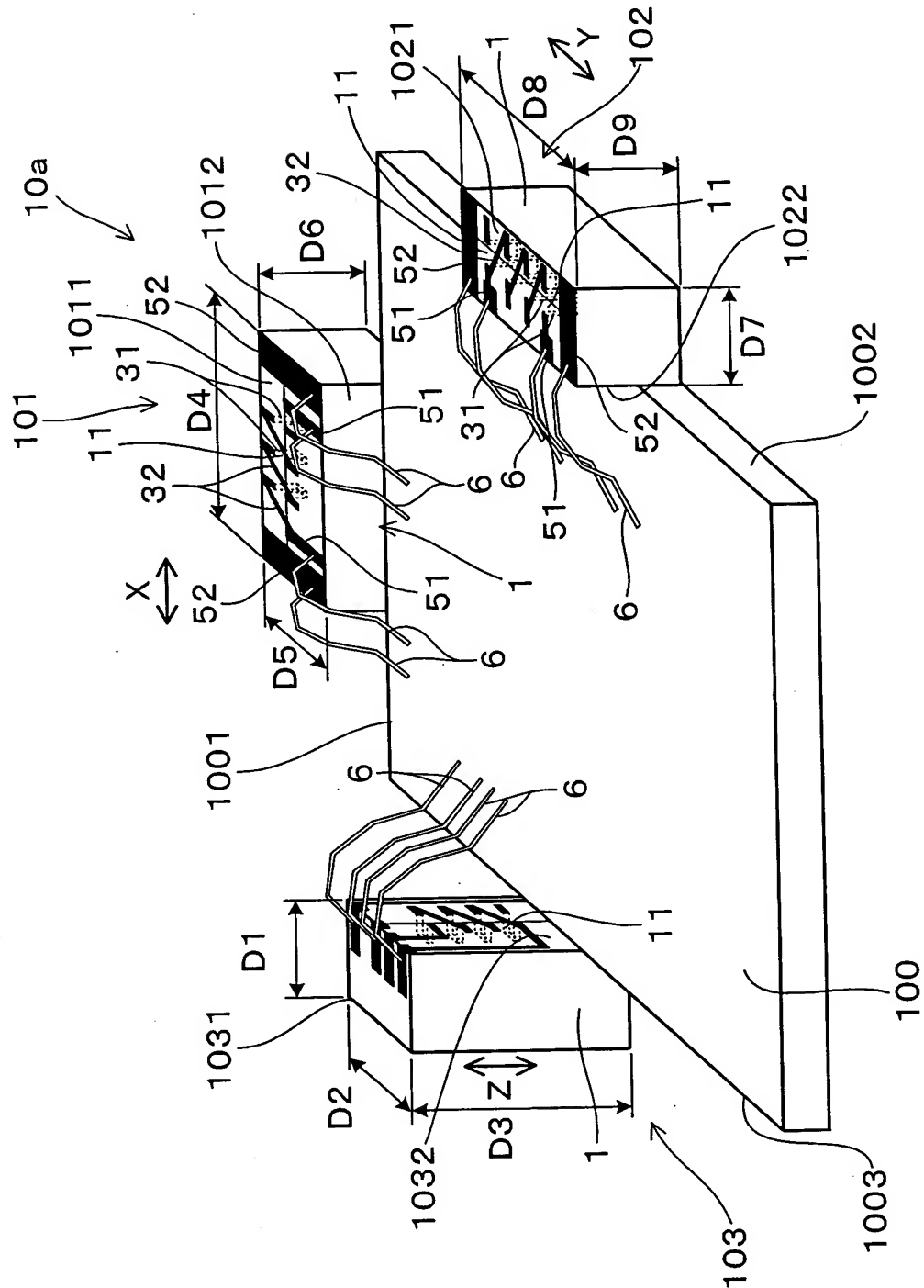


FIG. 4

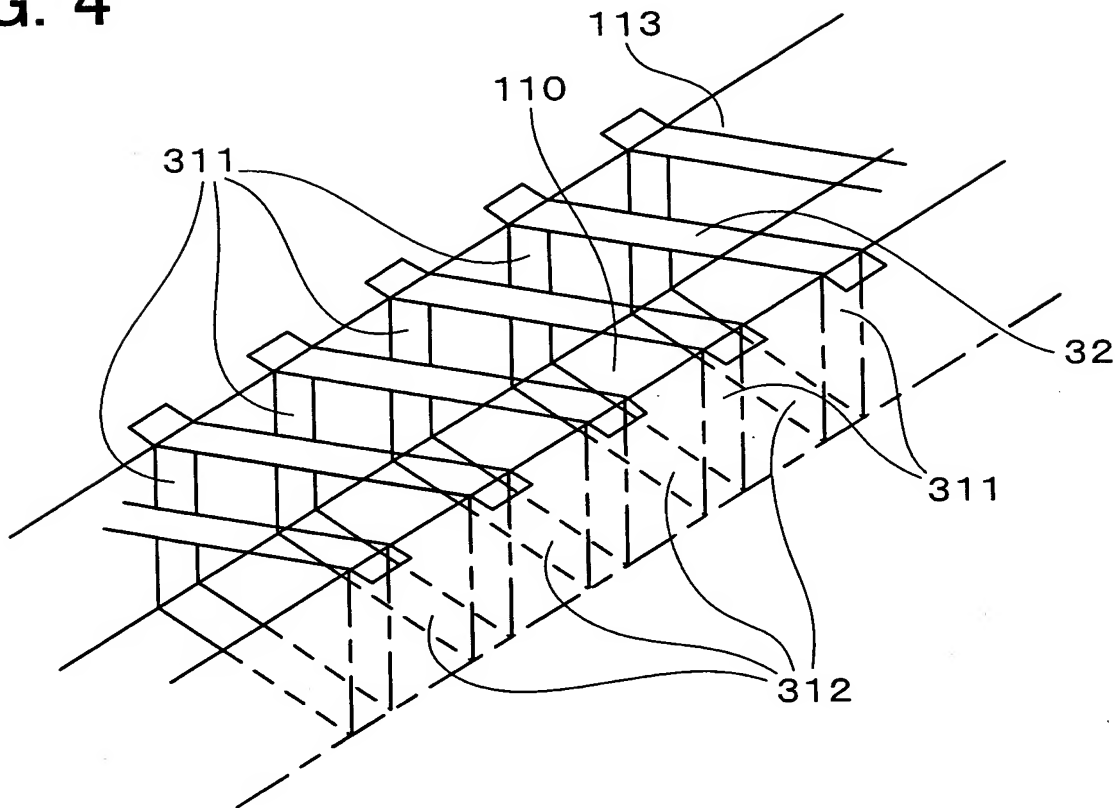


FIG. 5A

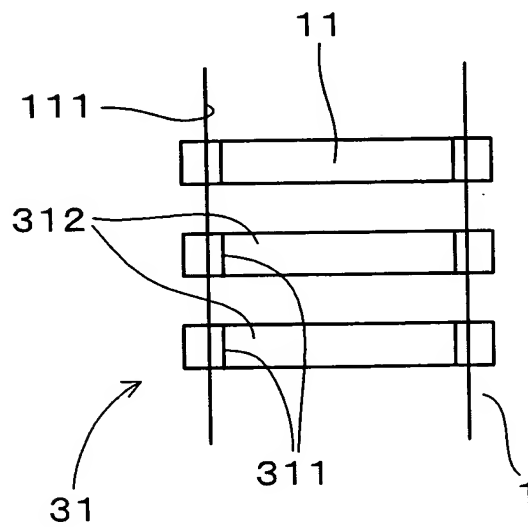


FIG. 5B

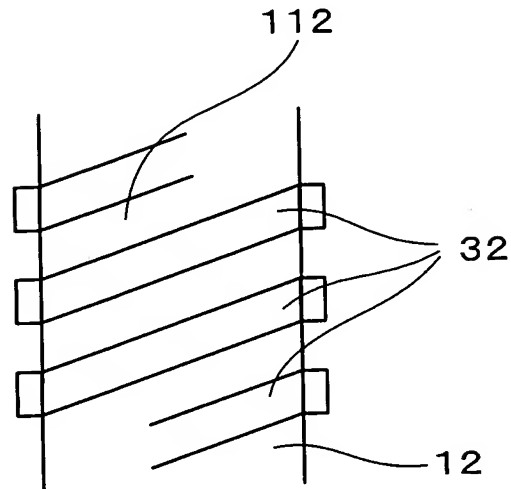


FIG. 6

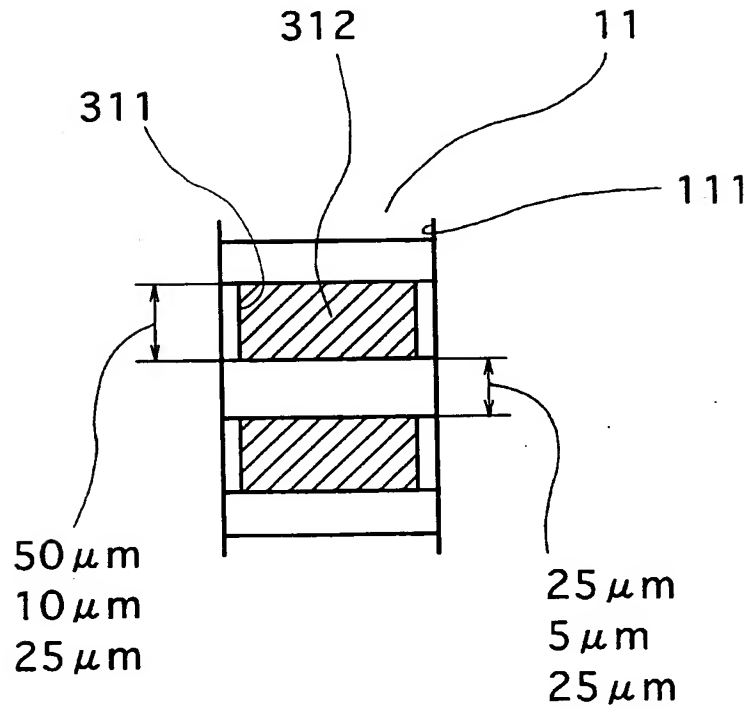


FIG. 7

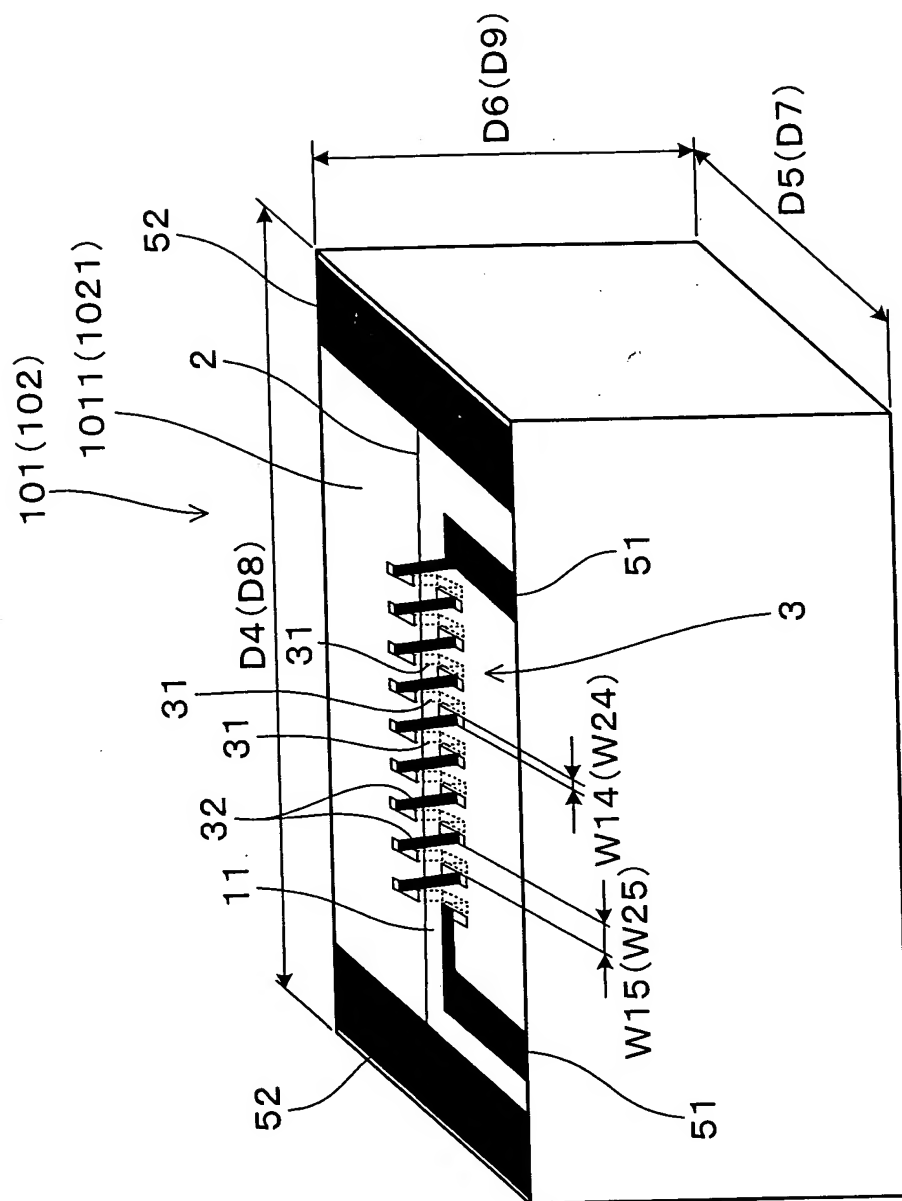




FIG. 9

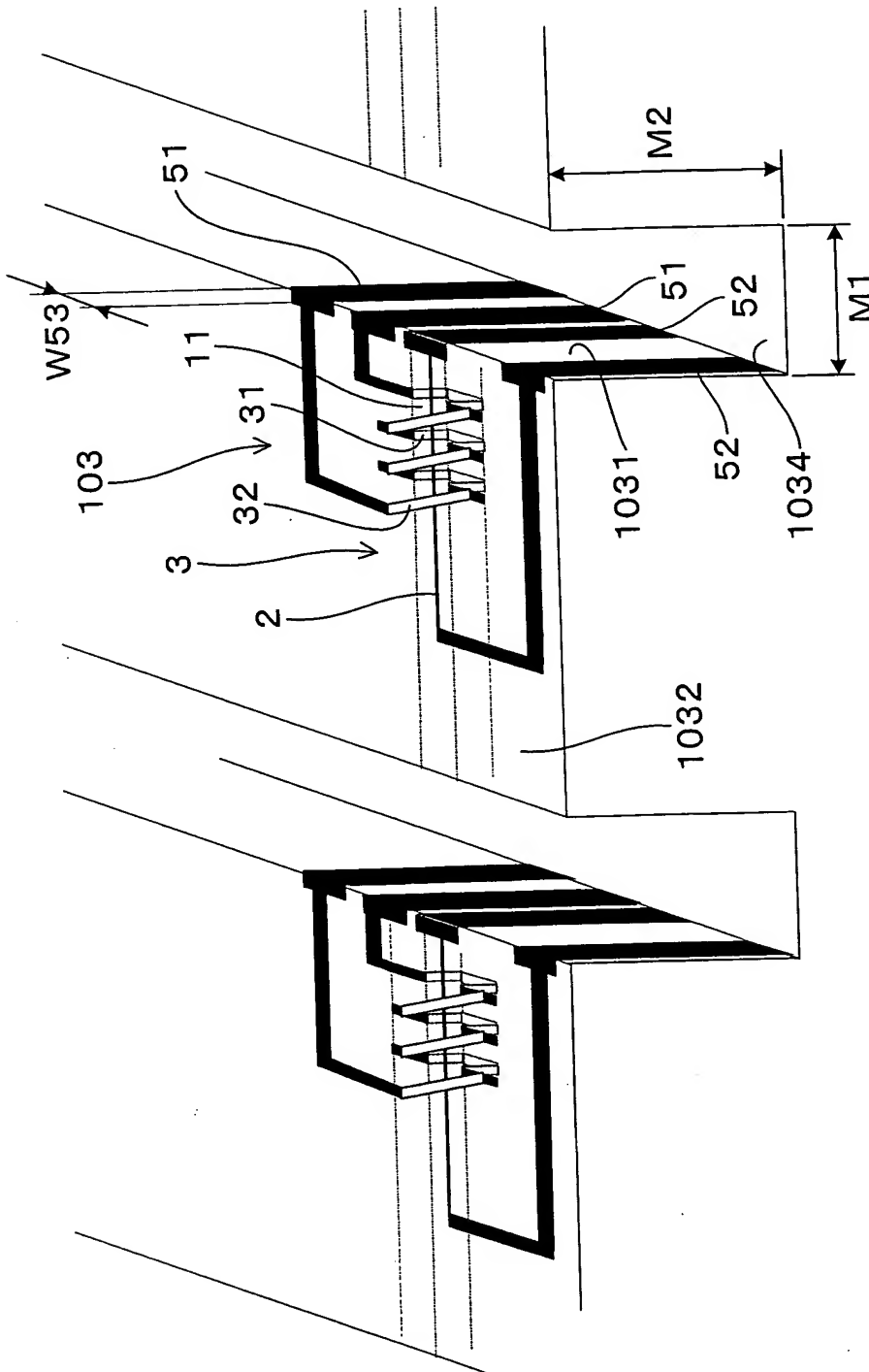


FIG. 10

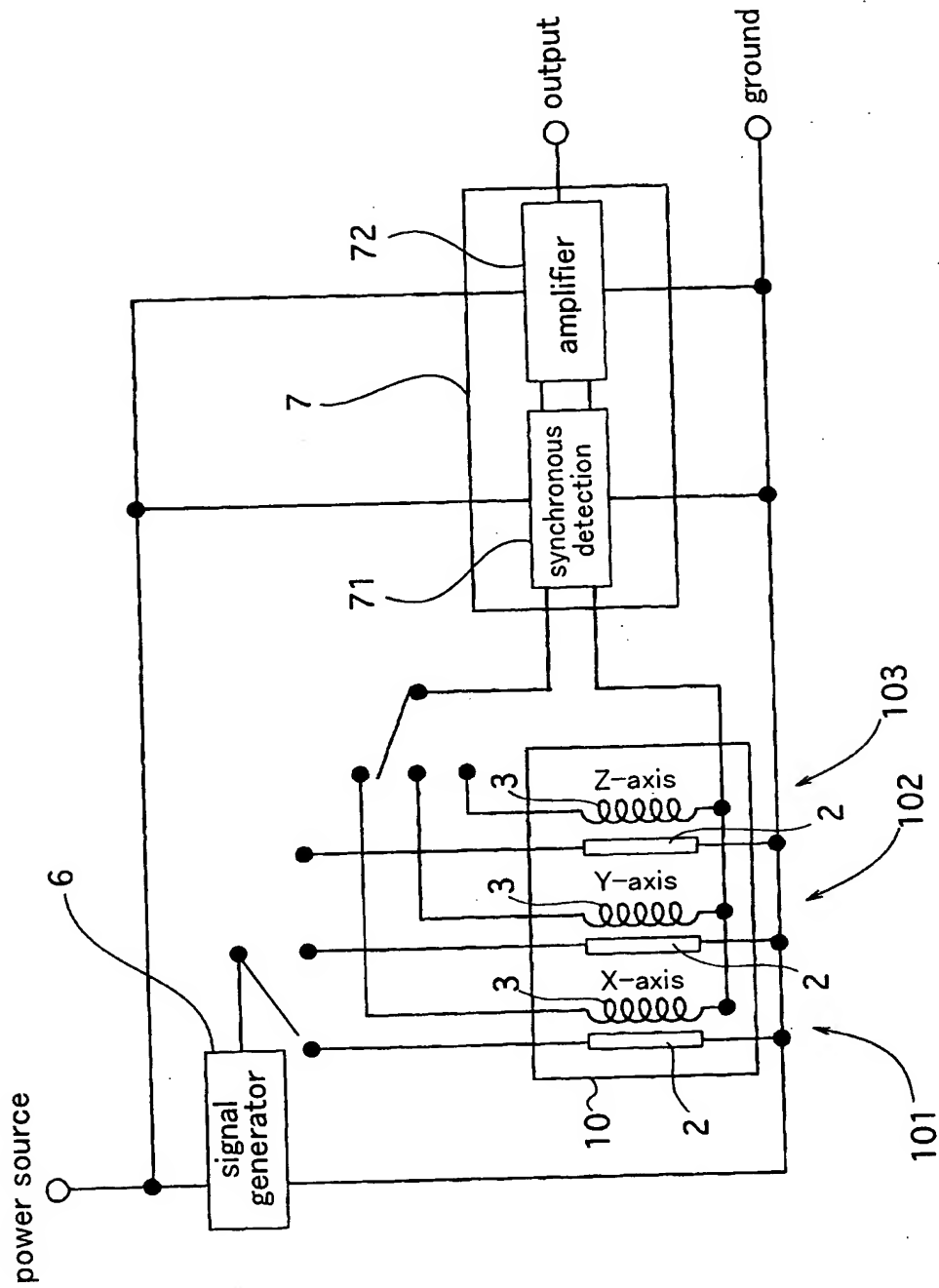
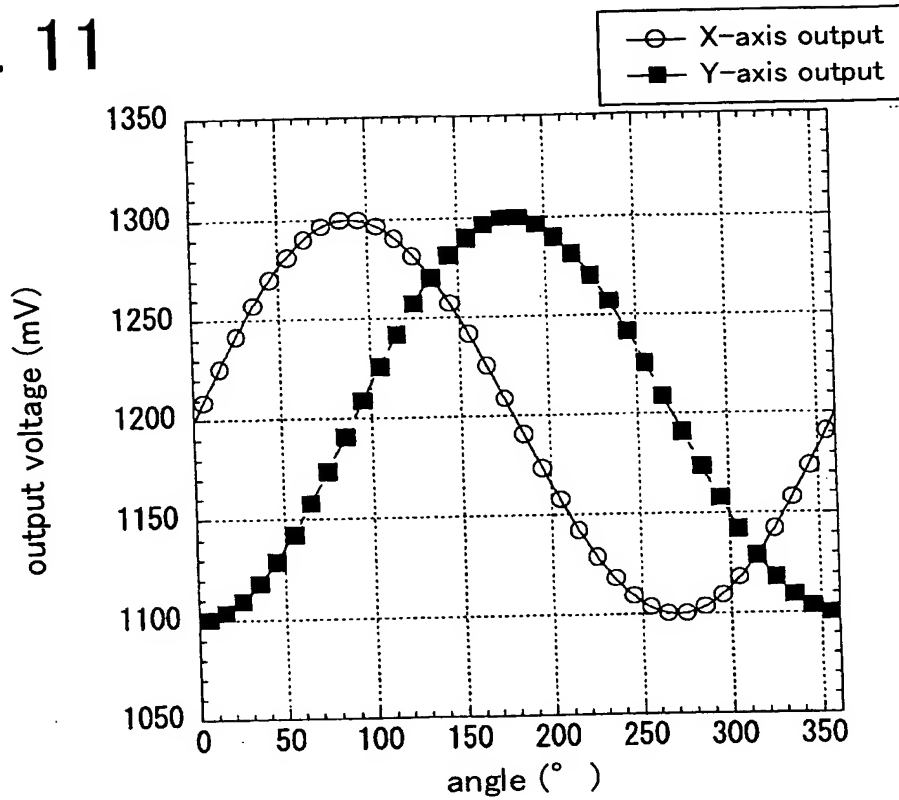


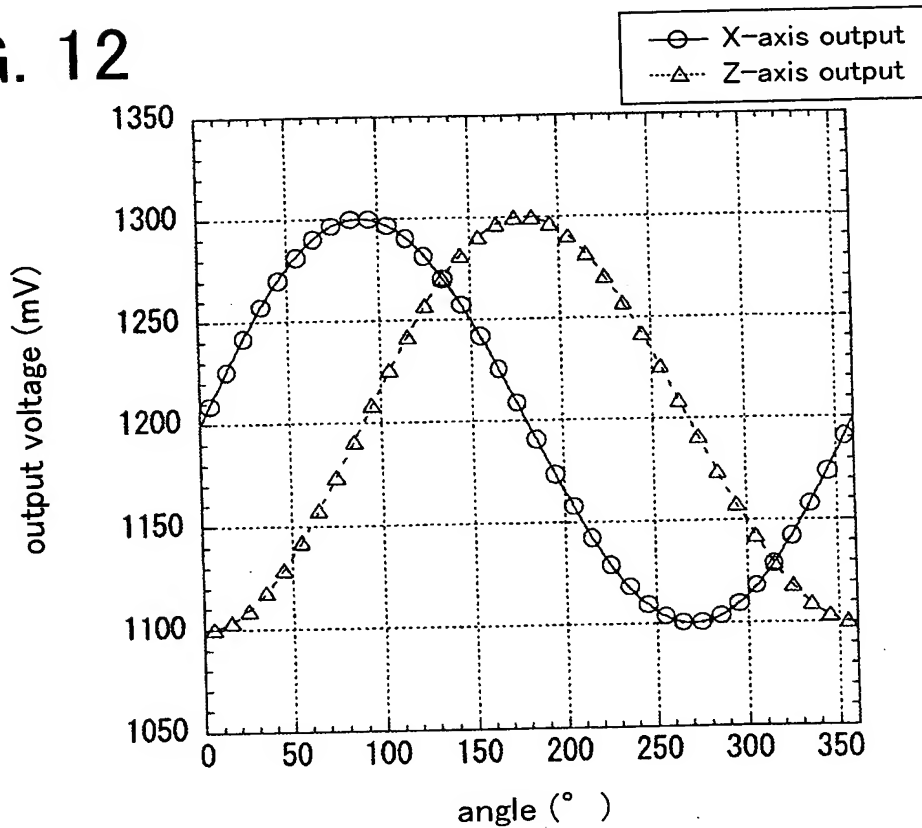


FIG. 11



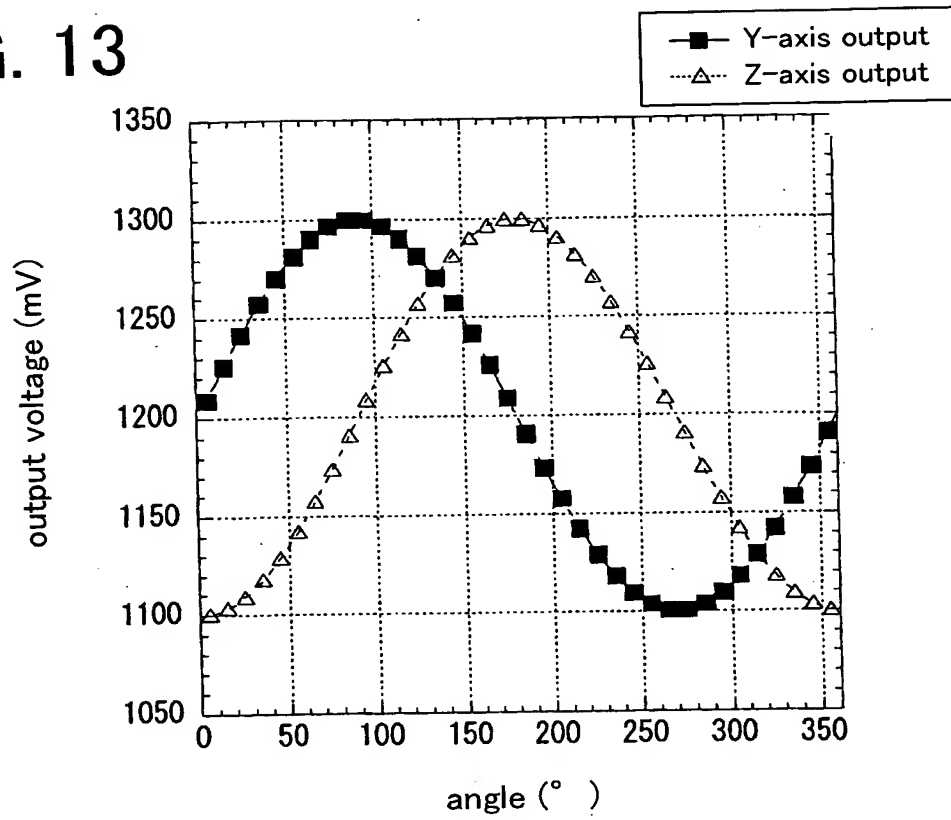
characteristic of X-axis and Y-axis

FIG. 12



characteristic of X-axis and Z-axis

FIG. 13



characteristic of Y-axis and Z-axis

FIG. 14A

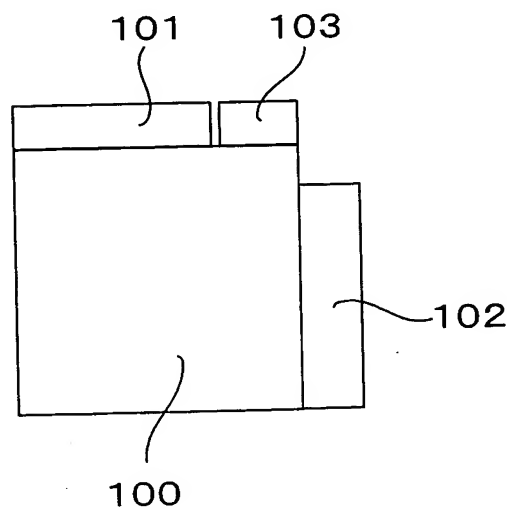


FIG. 14B

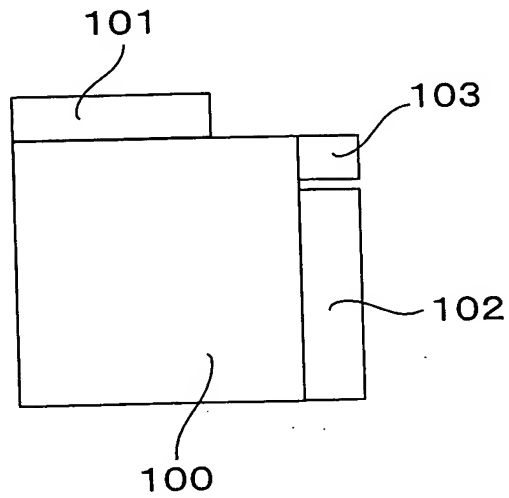


FIG. 14C

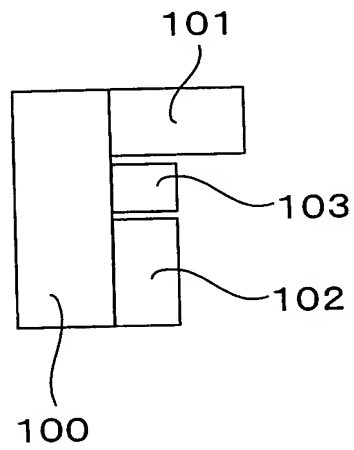


FIG. 14D

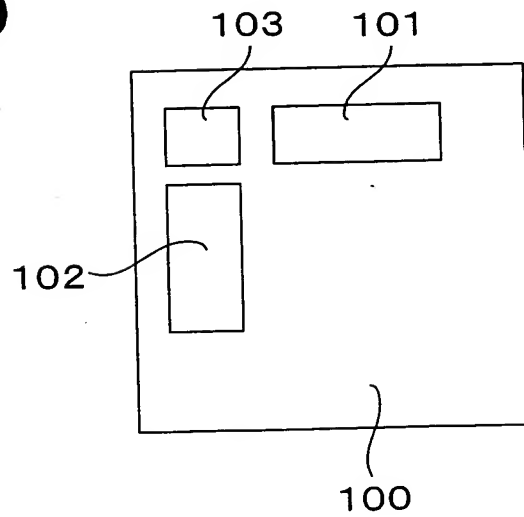


FIG. 15

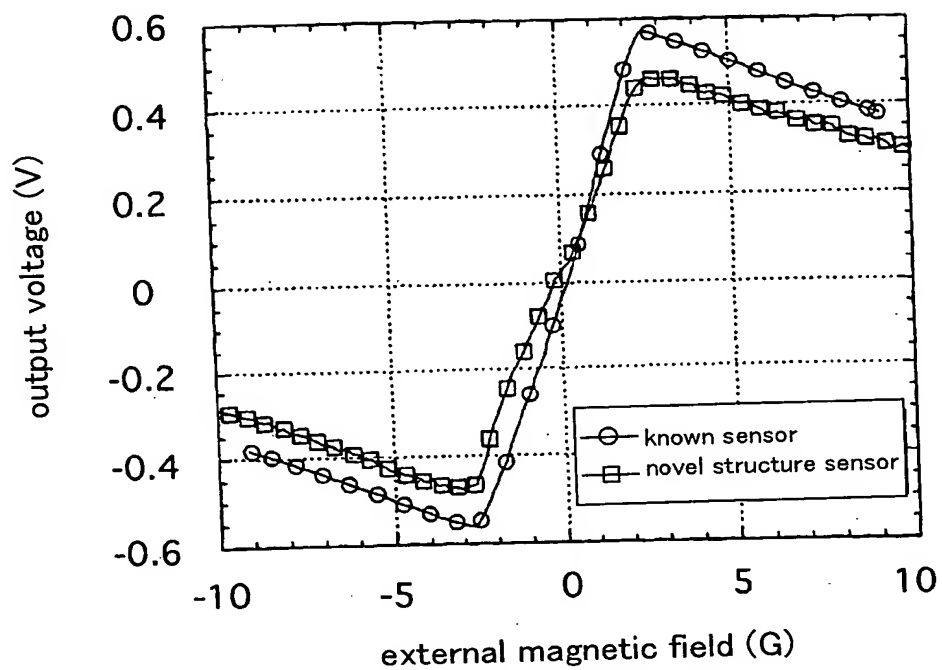


FIG. 16

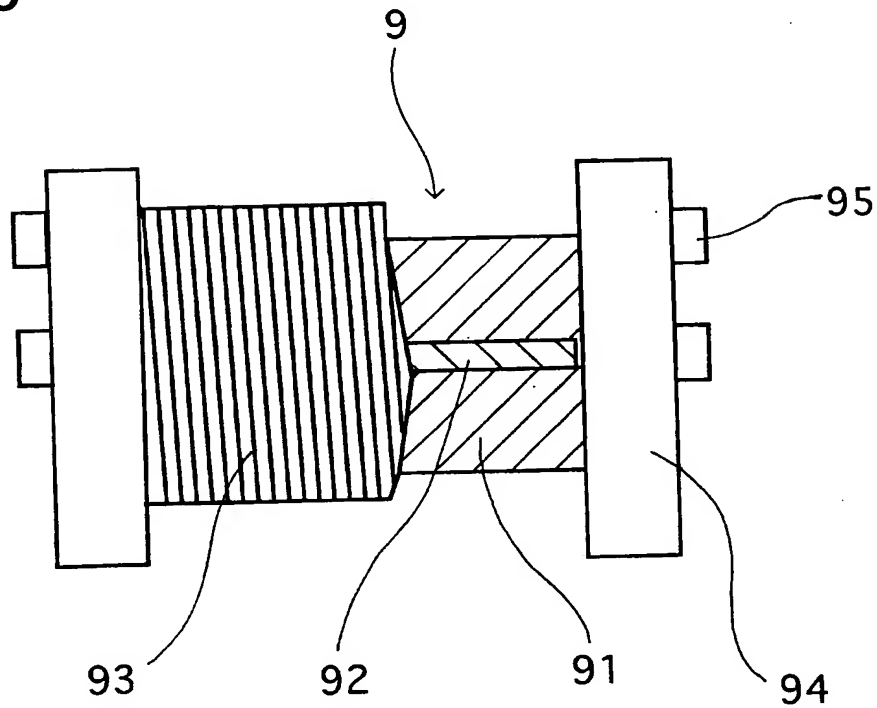


FIG. 17

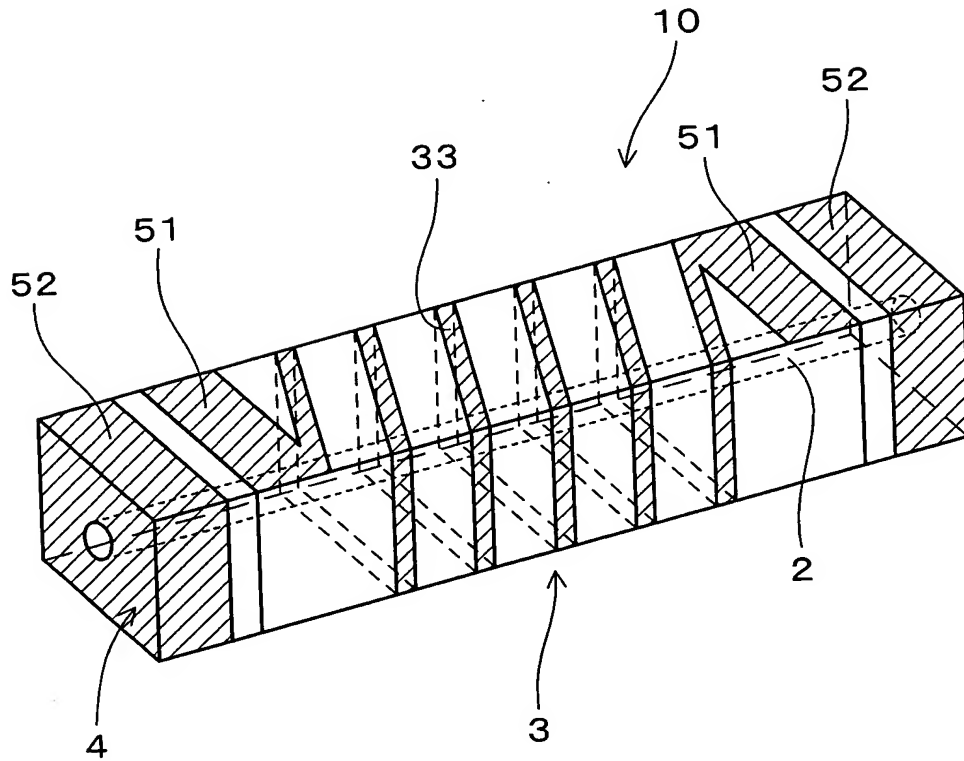


FIG. 18

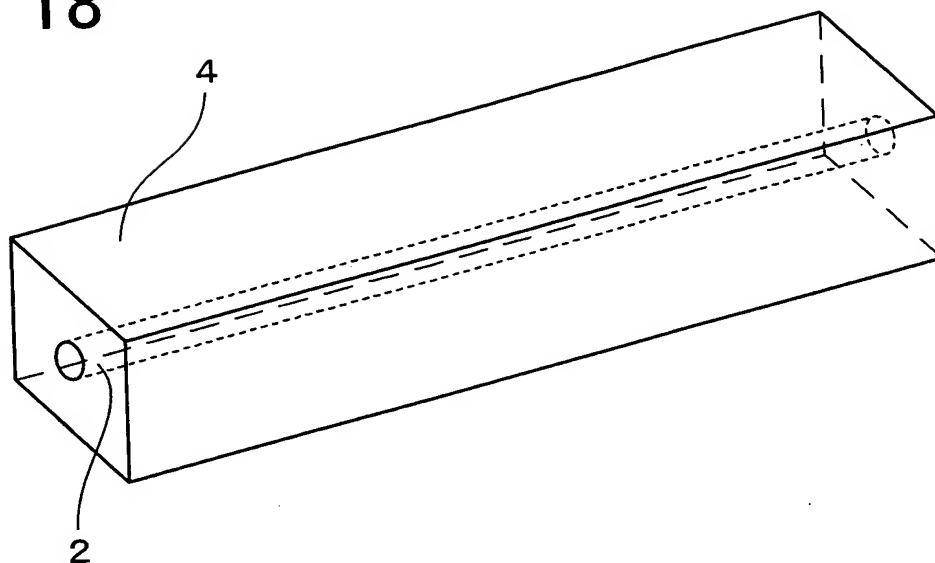


FIG. 19

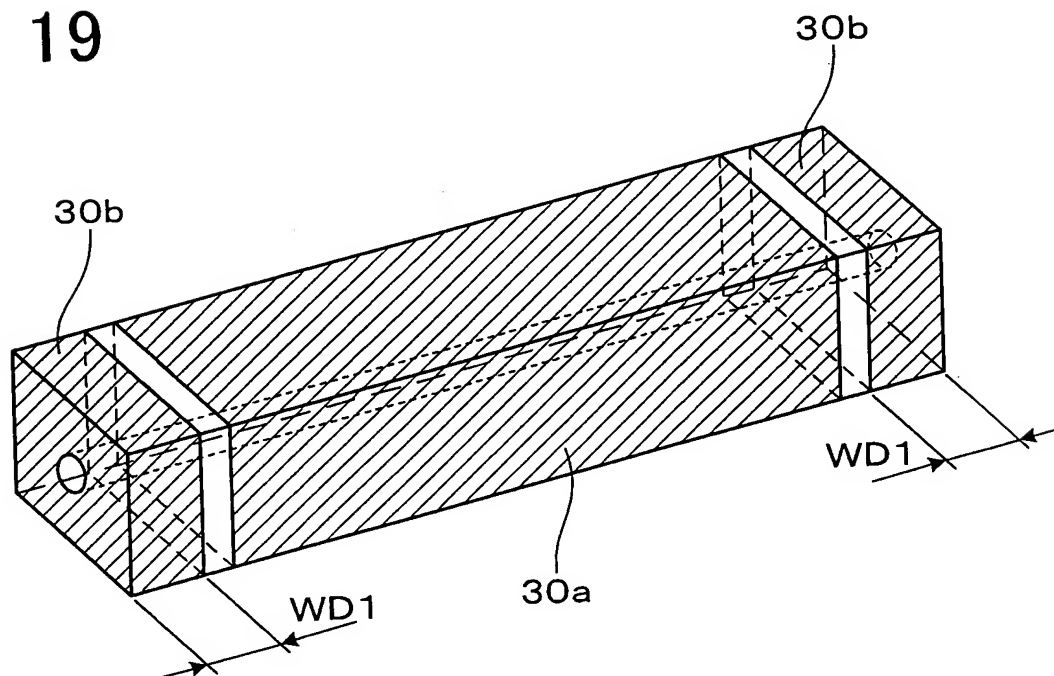


Figure 1 is a perspective view of a magnetic head assembly 100. The assembly includes a slider 10 with a head 102 and a trailing shield 101. A coil 6 is mounted on the slider. A magnetic tape 103 is shown passing between the head and the shield. The assembly is mounted on a substrate 100d. A coordinate system with X and Y axes is shown.

FIG. 21

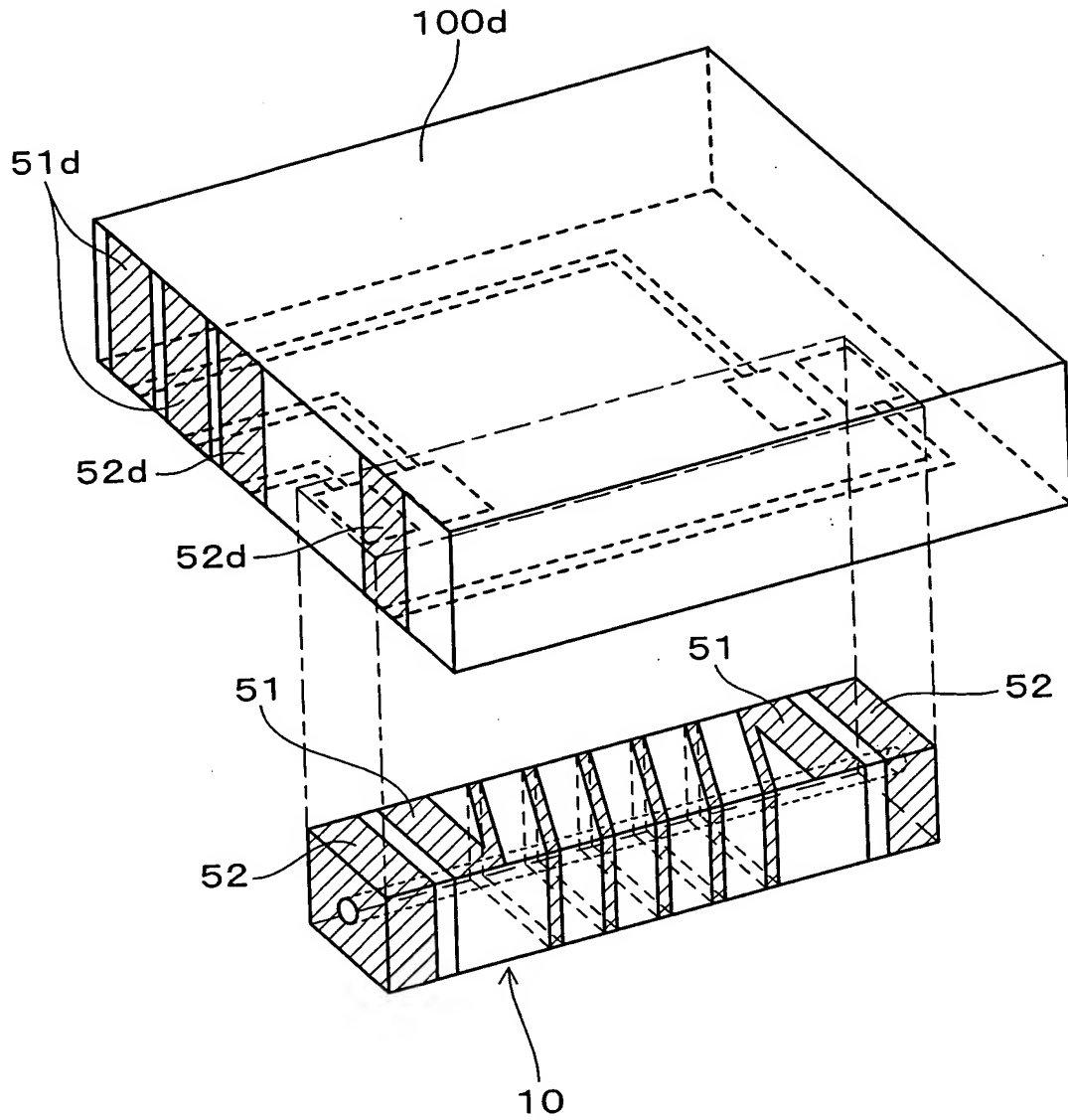




FIG. 22

